SOUTH PRODUCTION NOTES

August 3, 2014
Midnight Shift

BASF EMPLOYEES
35 Last Recordable
398 Last Lost Time

Building 9 is regulated, Building 31: 2nd floor is regulated
Building 16 (Alumina Gel) is regulated
Get All Required Samples and Surface Areas

#1 MED / Al-5645:

Continue to run batches.
Midnight shift:
Day shift: Began making batches.
Afternoon shift: Continued feeding until half way second shift – down to one CRT in control room. This line can be started at the start of midnight shift.

#1 RC / Al-5645:

Calciner lit and up to temperature. It is ok to have extrusions in it since the products are so similar. We will need to do a walkthrough when we get ready to start the feed. Still high NOx product, so be aware of and routinely monitor suction and Trimer status.
Midnight shift: Did not start-up to temperature.
Day shift: Still at temperature. Waiting for some feed.
Afternoon shift: We can start the feed on calciner #1 on midnight – we have four bags ahead of the calciner.

Exhaust to Trimer

#2 MED line/ Cu-0860:

All experimental batches have been completed per instructions from John Bodmann. The Med line is on hold. Additionally, the barrel; and auger have been sent to maintenance as the auger was locked out at the end of first shift. Once we start back up we need to continue to check every batch before dropping per J. Bodmann. DC #2 work (blow downs) completed.
Midnight shift: Started making batches on 2nd half of shift.
Day Shift: Ran all of the experimental batches. Had issues with them being dry and had to change several sets of inserts. Auger locked up at 1PM.
Afternoon Shift: No activity saved for transporting the auger and barrel to maintenance.

#2 RC/ Cu-0860:

We are to start feeding the experimental batches once we have created a gap in the calciner. Per instructions from the engineer, we are to remove the current bag and start with new bags once we start feeding the experimental batches. We must continue to collect samples every hour along with normal bag samples.
Hold onto and do not feed bags roped off until advised.
Midnight Shift:
Day shift: Running old material through. Will need to be set aside when the current bag feeding is empty and then begin feeding the experimental batches.
Afternoon shift: All the feed that had been made with the old recipe is in the calciner right now. The slide gate has been closed so that a gap can be created. We will have to remove the bag on the discharge rack (old recipe) currently and will top it off at a later time. We will need to maintain the four batches, as they come through the calciner, separate from the others – collect samples per the instructions in the back of these shift notes.

Exhaust to F1

#3 MED / D-0702:

Continue extruding. We need to make sure that the mixer is empty at the end of every batch please. Mixer will be deemed empty when amps reach 68.
Midnight Shift:
Day shift: Continued on. Having some issues with the chute from the mixer to the pulva plugging up.
Afternoon Shift: Stopped mixing half way through the shift due to being down to one CRT in the control room. This line can also be re-started on midnights.

#3 RC / D–0702:

After verification with engineer, we should not run directly from the dryer to calciner with the exception of when we are changing bags.
Midnight shift:
Day shift: Began feeding and continued on.
Afternoon Shift: Continue to feed.

Exhaust to CTO-is in Automatic

#5 RC / Cu-3818 through Sunday, Cu-0539 on Monday:

Continue running this calciner through Sunday. Watch that we do not use the bags of World Metals Copper - Must be Fibro Tech. Keep an eye on the vacumax system.

PLEASE NOTE: We will be running Cu-3818 through Sunday and then will switch over to Cu-0539 on Monday.

Midnight Shift:

Day shift: Continued on. Vacumax issues again.

Afternoon shift: Contineud on. After initial issues with vac-u-max system were handled, the calciner has been running without issues. See John Crawford.

Exhaust to 5A DC

New Pfaudler / Cr-5655 SNAP:

Watch the level on the chromic acid tank. We should not have to shut down the pfaudler to make a tank. It can be made on the same shift that we run the pfaudler. Should make 2 Batches per Shift.

Midnight shift:

Day shift: Continued on.

Afternoon Shift: Continued on once Lot 29 was placed in pass. Confirmed with John B. and lab. Chrome tank in building 9 has been topped off to 81%.

National Dryer / Cr 5655:

Continued feeding as material is available. Target = 700 lbs. per hour.

Midnight Shift:

Day shift: Continued.

Afternoon Shift: Continued on.

#4 RC / Cr 5655:

Continue to run and watch that the bags being used at this time do not cone up at the end.

Midnight Shift:

Day shift: Continued.

Afternoon Shift: Continued on.

Exhaust to 4A DC

Old Pfaudler / Clean for CEHW-1130A:

We have completed this job. The Pfaudler needs to be rinsed and prepared for the next job. We can start cleaning it.
Midnight Shift: No activity.
Day Shift: No change.
Afternoon Shift:

#6 RC / Clean for CEHW-1130A:

Will need to vacuum dryer before soda blasting. Schirmer scheduled to bead blast dryer belt on Monday.
Midnight shift: No activity
Day Shift: No change.
Afternoon shift: No activity.

Exhaust to Sly Scrubber

Tower 3 / Cu 0860:

Continue On.
Midnight Shift:
Day shift: Continued. Another 12 hours or so.
Afternoon shift: Running

Tower 6 /Cu-0860:

Loaded and running. Work notification written to have the sheaves replaced after the following load of Cu-0860 (Batch #284).
Midnight Shift:
Day shift: Loaded and running.
Afternoon shift: Running

North Screener / Cu 0860:

Continue On.
Midnight shift:
Day shift: Continued.
Afternoon Shift: Continued on.

South Screener / Cu 0860:

Continue On.
Midnight shift:
Day shift: Continued.
Afternoon Shift: Continued on.

#2662 (west) Pill Machine / Zr-0403 1/8:

Down and waiting for dies.
Midnight shift: Down – Justin is working on getting the dies sent out to Elizabeth Tool and Die.
Day Shift: Waiting on dies.
Afternoon shift: Down waiting for dies.

#2664 (east) Pill Machine / Zr-0403 1/8:

DC back together, pill machine in place. West machine was tested and looked / sounded good.
Midnight shift:
Day Shift: Fixed by maintenance. Two bags were picked of contamination off of the top of the bags. Bag #6 will still need to be handpicked of contamination on the top of the bag
Afternoon shift: Bag #6 was handpicked and was completed.

TK #2 / V 2010:

Start changing the saggers for V-2046 which is next.
Midnight shift:
Day Shift: Finished unloading and began cleanup of loader. Will need to change over saggers for V-2046.
Afternoon shift: Started to switch the saggers over to V-2046.

PK Blender / Pill Mix:

On hold until we get more sterotex.
Midnight Shift: No activity.
Day shift: No change.
Afternoon shift: No activity.

Abbe Blender:

HOLD. Waiting on next run.
Midnight shift: Hold
Day shift: Hold
Afternoon Shift: Hold

Building 27 Belt Filter / V-2010 Trial:

On hold until day shift Monday. We will need 1 man staffing on day shift.
Midnight shift:
Day shift: Ick…on hold til Monday.
Afternoon Shift:

Miscellaneous:

1. **Versal B is in the Rail shed and on the truck dock #3.**
2. **Versal 250 is in shipping.**
3. **Zeolite CBV 712 and Versal 300 are in the rail shed.**
4. **D-0702 can be loaded onto the trailer in Dock #2.**
5. **North end Cu-3818 is in the rail shed.**
6. **Copper Carb (Fibro Tech) is in B-7 for #5 RC.**

CU-0860 Game plan for tonight:

I changed the recipe back to where it was before shutdown. So have the operators make 5 batches tonight (the first one should be set aside because it has the wrong quantity of material for the experiment we are trying). So the 4 batches after the first one will be extruded and then calcined. STOP making batches after these are completed.

Sampling requirements:
Mixer: MUST be checked before dropping - then get a sample of the wet mix and seal it up so it stays wet.
Dryer: Every batch off the dryer must be sampled.
Calciner: Run empty before feeding this material, then using the same temp setpoints as before start calcining it. Get a SA on the material off the calciner about 20 minutes after it first exits the calciner. Adjust the temps to get SA in spec or call Bodmann for advice. SAMPLE off the calciner BEFORE spiral once per hour. Sample off the BAG if possible as well (or at least every bag change).

Submit all samples to lab.

Call Bodmann if you have questions.

Priorities 1 through 8 are basically all the same priority, should be considered urgent and will require call outs for maint issues and/or processing issues.

1) Reduction Tower Screeners
2) Reduction Towers
3) #3 Line/#3RC
4) West Pfaudler/National Dryer/#4RC
5) #1 Line/#1 RC
6) #2 Line/#2RC
7) #5 RC
8) Horne Tabletting

9) Clean up East Pfaudler/HC-11 Dryer/Calciner